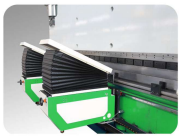
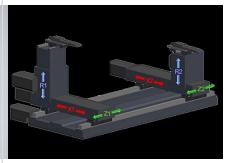
PREMIUM CNC Press brake 1250mm, 50T

 # 00540605

PREMIUM line - HPB 50 1250/4 PREMIUM







00540605	HPB 50 1250/4	4-axis w/DELEM 53T
00540606	HPB 50 1250/4	4-axis w/DELEM 58TX
00540607	HPB 50 1250/6	6-axis w/DELEM 58TX
00540608	HPB 50 1250/6	6-axis w/CYBTOUCH 15
00540609	HPB 50 1250/6	6-axis w/DELEM 66T

Introducing the highlight of precision and efficiency in metalworking – our **PREMIUM Hydraulic CNC Controlled Press Brake**. Engineered with cutting-edge technology and crafted for unparalleled performance, this press brake redefines excellence in bending operations.

Here's why it stands out:

Standard Features:

Advanced Axis Control: Benefit from precise control with 4-axis (Y1, Y2, X, R) as standard, with the option for 6-axis (Y1, Y2, X, R, Z1, Z2).
Unmatched Accuracy: Achieve perfection with Y Axis Accuracy of ±0.01mm and Y Axis Repeat Accuracy of ±0.01mm, ensuring consistent results.
Exceptional Straightness: Maintain superior workpiece straightness of ≤±0.3/1000mm, meeting the highest quality standards.
Comprehensive Tooling: Utilize Promecam type top tooling, V16, V22, V35, V50 Bottom Tooling (40 TN - 135 TN), and even Special 4V Die Bottom Tooling from 170 TN.
Efficient Clamping: Enjoy hassle-free operations with the Promecam Type Fast Clamping System, facilitating quick tool disassembly and assembly.

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Robust Hydraulic System: Powered by ECKERLE pump with WANNAN Motor and HAWE/Hoerbiger hydraulic system for reliable performance.
Intuitive Control: Seamlessly operate with Cybelec Cybtouch 12 (4-axis) or Cybtouch 15 (6-axis) CNC control system, ensuring precision and ease of use.
Safety Features: Ensure operator safety with DSP AP + MCS Laser protection system, rear door system with safety sensors, and easy openable side doors secured with sensors.
Versatile Backgauge: Benefit from CNC Controlled Motorized Backgauge with ample travel (X:750 mm) + (R:250 mm) for enhanced productivity.
Sturdy Construction: Built on a heavy and stress-relieved welded frame, featuring a decoupled C-bracket for linear encoder, ensuring stability and accuracy.
Convenient Tool Storage: Access tools easily with a storage system divided into three functional areas, providing space for various tools and accessories.
Complete Package: Comes with CE-Declaration and instruction manual in multiple languages (DK, EN, DE), along with a 2-year warranty for peace of mind.

General Features:
Standard Tooling: Equipped with Promecam top and bottom tooling for versatile bending capabilities.
Advanced Safety System: Includes DSP AP + MCS safety system and Cybelec Cybtouch 12 for enhanced safety and control.

Optional Equipment:
Enhanced Backgauge: Opt for a 6-axis backgauge with servo motor for expanded functionality.
Improved Cooling: Ensure optimal performance with the addition of an air cooler.
Sheet Follower: Choose between BF-01 180 kg/pce or UP-180 180 kg/pce sheet follower for efficient material handling.

Optional Feature:
Customized Load Capacity: Tailor your equipment with optional load capacities: 180KG for BF-01 and UP-180, or 380KG for UP-380.

- Experience unparalleled performance and reliability with our **PREMIUM Hydraulic CNC Controlled Press Brake**.

Product Link:

https://hmmachinery.dk/en/product/premium-cnc-press-brake-1250mm-50t

Product Specification

Nominal Force (KN)	500
Bending length (mm)	1250
Column Distance mm	850
Ram Stroke (mm)	160
Opening Height (mm)	410
Oil capacity (L)	120

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HM MACHINERY

Throat depth (mm)	400
Down speed (mm/s)	150
Pressing (mm/s)	10
Return Speed (mm/s)	160
Motor (kW)	5,5
Voltage	3x400V - 50Hz
X Axis travel (mm)	500
X Axis working speed (mm/s)	400
X Axis accuracy (mm)	±0.05
R Axis travel (mm)	120
R Axis working speed (mm/s)	100
R Axis accuracy (mm)	±0.1
Z Axis travel (mm)	500
Z Axis working speed (mm/s)	600
Z Axis accuracy (mm)	±0.1
Y Axis accuracy (mm)	±0.01
Y Axis Repeat accuracy (mm)	±0.01
Workpiece straightness (mm)	≤±0.3/1000
Bending angle accuracy (°)	≤±1
Length (mm)	2220
Width without front support (mm)	1620
Width with front support (mm)	1750
Height (mm)	2770
Weight	4680

Product Link:

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